

11. (Amended) The TV receiving tuner according to claim 1, wherein the local oscillator outputs an oscillation signal having a frequency band of at least 767 to 473 MHz, and wherein the dividing rate of the first programmable divider may be set to different values including 1,  $1/3$  and  $1/6$ .

12. (Amended) The TV receiving tuner according to claim 2, further comprising:

a third programmable divider to receive the oscillation signal of the local oscillator and divide the oscillation signal; and

a fourth mixer to mix the received TV signal and an output of the third programmable divider and frequency convert the received TV signal into an intermediate-frequency signal having a third frequency,

wherein the local oscillator outputs an oscillation signal having a frequency band of at least 847 to 505 MHz, and a dividing rate of the second programmable divider is  $1/3$ , and wherein a dividing rate of the third programmable divider is  $1/5$ .

13. (Amended) The TV receiving tuner according to claim 2, further comprising:

a third programmable divider to receive the oscillation signal of the local oscillator and divide the oscillation signal; and

a fourth mixer to mix the received TV signal and an output of the third programmable divider and frequency convert the received TV signal into an intermediate-frequency signal having a third frequency,

wherein the local oscillator outputs an oscillation signal having a frequency band of at least 803 to 473 MHz, and a dividing rate of the second programmable divider is  $1/3$ , and wherein a dividing rate of the third programmable divider is  $1/9$ .

14. (Amended) The TV receiving tuner of claim 2, further comprising:

a third programmable divider to receive the oscillation signal of the local oscillator and divide the oscillation signal; and

a fourth mixer to mix the received TV signal and an output of the third programmable divider and frequency convert the received TV signal into an intermediate-frequency signal having a third frequency,

wherein the local oscillator outputs an oscillation signal having a frequency band of at least 824 to 530 MHz, and a dividing rate of the second programmable divider is 1/3, and wherein a dividing rate of the third programmable divider is 1/4.

15. (Amended) The TV receiving tuner according to claim 2, further comprising:

a third programmable divider to receive the oscillation signal of the local oscillator and divide the oscillation signal; and

a fourth mixer to mix the received TV signal and an output of the third programmable divider and frequency convert the received TV signal into an intermediate-frequency signal having a third frequency,

wherein the local oscillator outputs an oscillation signal having a frequency band of at least 767 to 473 MHz, and a dividing rate of the second programmable divider is 1/3, and wherein a dividing rate of the third programmable divider is 1/6.

16. (Amended) The TV receiving tuner according to claim 2, further comprising:

a first tracking filter to select the TV signal having the first frequency band;

a second tracking filter to select the TV signal having the second frequency band arranged in parallel to the first tracking filter; and

a PLL IC to output a tuning voltage that changes a frequency of the local oscillation signal output from the local oscillator, and

wherein the tuning voltage is applied to the first tracking filter and the second tracking filter to tune a pass band of one of the first tracking filter and the second tracking filter to a frequency of the TV signal to be received.

18. (Amended) The TV receiving tuner according to claim 17, further comprising:

a low-noise first preamplifier having an automatic gain control (AGC) function provided after the first tracking filter; and

a low-noise second preamplifier having an AGC function provided after the second tracking filter.

19. (Amended) The TV receiving tuner according to claim 18, further comprising:

a first image trap circuit to attenuate an image frequency signal corresponding to the TV signal to be received interposed between the first preamplifier and the second mixer; and

a second image trap circuit to attenuate the image frequency signal corresponding to the TV signal to be received interposed between the second preamplifier and the third mixer.

20. (Amended) The TV receiving tuner according to claim 16, wherein the local oscillator outputs an oscillation signal having a frequency band of at least 847 to 505 MHz, and wherein the dividing rate of the first programmable divider may be set to different values including 1,  $1/3$  and  $1/5$ .

21. (Amended) The TV receiving tuner according to claim 16, wherein the local oscillator outputs an oscillation signal having a frequency band of at least 803 to 473 MHz, and wherein the dividing rate of the first programmable divider may be set to different values including 1,  $1/3$  and  $1/9$ .

22. (Amended) The TV receiving tuner according to claim 16, wherein the local oscillator outputs an oscillation signal having a frequency band of at least 824 to 530 MHz, and wherein the dividing rate of the first programmable divider may be set to different values including 1,  $1/3$  and  $1/4$ .

23. (Amended) The TV receiving tuner according to claim 16, wherein the local oscillator outputs an oscillation signal having a frequency band of at least 767 to 473 MHz, and wherein the dividing rate of the first programmable divider may be set to different values including 1,  $1/3$  and  $1/6$ .

24. (Amended) The TV receiving tuner according to claim 4, further comprising:

a third programmable divider to receive the oscillation signal of the local oscillator and divide the oscillation signal; and

a fourth mixer to mix the received TV signal and an output of the third programmable divider and frequency convert the received TV signal into an intermediate-frequency signal having a third frequency,